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|---|---|---|---|
| | **Job Performance Review** | **Shoring Basics with Ellis Clamps** | **Individual Level Competency** |

**JPR Title**

Ellis Clamps – Shoring Basics

**JPR Number**

JPR-TR-10

**Reference**

NFPA 1670 – Standard on Operations and Training for Technical Search and Rescue Incidents
NFPA 1006 – Standard for Technical Rescuer Professional Qualifications
IFSTA Essentials of Firefighting
Ellis Manufacturing Product Specifications
ATFD Standards of Cover and Risk Analysis

**Performance Criteria**

Firefighter is able to articulate the various aspects of establishing and using Ellis Clamps for basic shoring applications.

Firefighter is able to effectively build a basic shoring system utilizing Ellis Clamps with 4” x 4” nominal lumber

**Time Parameters**

15 minutes from staging to completed system

**Safety Precautions**

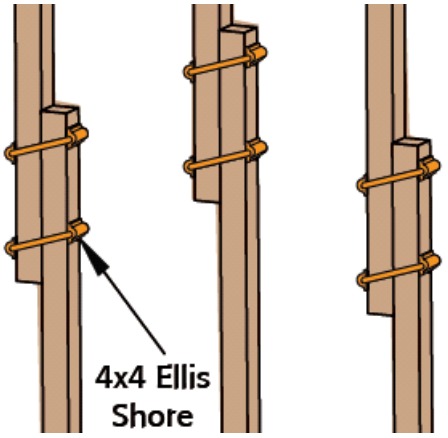
Space allocation to prevent injury to self or others while operating
Appropriate PPE
Attention to surroundings

**Procedure**

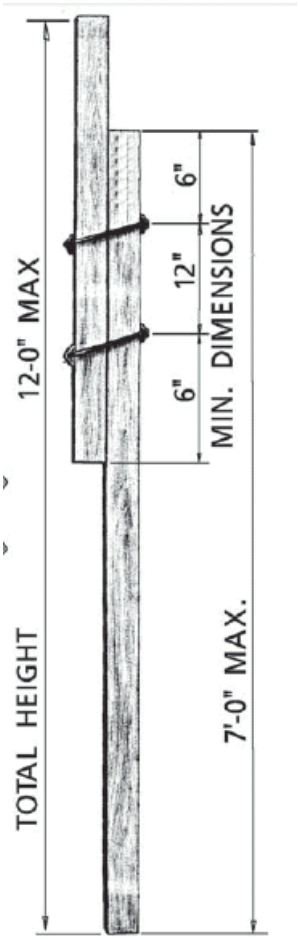
ELLIS CLAMP - WOOD POST SYSTEMS

- 4 x 4 posts can be assembled with Ellis Clamps that give them adjustable length
- Base shoring member is 7 feet maximum
- Two Ellis Clamps per shore
- Maximum shoring height is 12 feet
- Shoring member overlap is 24 inches minimum

- Refer to load charts for Ellis Shoring within FEMA Field Guide for Structural Collapse – Shoring Basics
- Refer to illustrations below







**Firehouse Software Evaluator Notes**

Link to “General Training in the Rescue Section” of FHS

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2017